

Spool File For Oracle Students Trained by Mr.Sathish Yellanki

SQL> cl scr

```
SQL> SELECT Ename, Empno, Mgr, Job
2 FROM Emp
3 START WITH Job = 'PRESIDENT'
4 CONNECT BY PRIOR Empno = MGR;
```

ENAME	EMPNO	MGR	JOB
KING	7839		PRESIDENT
JONES	7566	7839	MANAGER
SCOTT	7788	7566	ANALYST
ADAMS	7876	7788	CLERK
FORD	7902	7566	ANALYST
SMITH	7369	7902	CLERK
BLAKE	7698	7839	MANAGER
ALLEN	7499	7698	SALESMAN
WARD	7521	7698	SALESMAN
MARTIN	7654	7698	SALESMAN
TURNER	7844	7698	SALESMAN
JAMES	7900	7698	CLERK
CLARK	7782	7839	MANAGER
MILLER	7934	7782	CLERK

14 rows selected.

SQL> ED
Wrote file afiedt.buf

```
1 SELECT Ename, Empno, Mgr, Job
2 FROM Emp
3 START WITH Ename = 'KING'
4* CONNECT BY PRIOR Empno = MGR
SQL> /
```

ENAME	EMPNO	MGR	JOB
KING	7839		PRESIDENT
JONES	7566	7839	MANAGER
SCOTT	7788	7566	ANALYST
ADAMS	7876	7788	CLERK
FORD	7902	7566	ANALYST
SMITH	7369	7902	CLERK
BLAKE	7698	7839	MANAGER
ALLEN	7499	7698	SALESMAN
WARD	7521	7698	SALESMAN

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```
MARTIN          7654          7698 SALESMAN
TURNER          7844          7698 SALESMAN
JAMES           7900          7698 CLERK
CLARK           7782          7839 MANAGER
MILLER          7934          7782 CLERK
```

14 rows selected.

```
SQL> ED
Wrote file afiedt.buf
```

```
1  SELECT Ename, Empno, Mgr, Job
2  FROM Emp
3  START WITH Empno = 7839
4* CONNECT BY PRIOR Empno = MGR
SQL> /
```

ENAME	EMPNO	MGR	JOB
KING	7839		PRESIDENT
JONES	7566	7839	MANAGER
SCOTT	7788	7566	ANALYST
ADAMS	7876	7788	CLERK
FORD	7902	7566	ANALYST
SMITH	7369	7902	CLERK
BLAKE	7698	7839	MANAGER
ALLEN	7499	7698	SALESMAN
WARD	7521	7698	SALESMAN
MARTIN	7654	7698	SALESMAN
TURNER	7844	7698	SALESMAN
JAMES	7900	7698	CLERK
CLARK	7782	7839	MANAGER
MILLER	7934	7782	CLERK

14 rows selected.

```
SQL> ED
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```

```
1  SELECT Ename, Empno, Mgr, Job
2  FROM Emp
3  START WITH Ename = 'KING'
4* CONNECT BY MGR = PRIOR Empno
SQL> /
```

ENAME	EMPNO	MGR	JOB
-------	-------	-----	-----

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```
-----
KING                7839                PRESIDENT
JONES               7566                7839 MANAGER
SCOTT               7788                7566 ANALYST
ADAMS               7876                7788 CLERK
FORD                7902                7566 ANALYST
SMITH               7369                7902 CLERK
BLAKE               7698                7839 MANAGER
ALLEN               7499                7698 SALESMAN
WARD                7521                7698 SALESMAN
MARTIN              7654                7698 SALESMAN
TURNER              7844                7698 SALESMAN
JAMES               7900                7698 CLERK
CLARK               7782                7839 MANAGER
MILLER              7934                7782 CLERK
-----
```

14 rows selected.

```
SQL> SELECT Ename, Empno, Mgr, Job
       2  FROM Emp;
```

```
-----
ENAME              EMPNO              MGR JOB
-----
KING                7839                PRESIDENT
BLAKE               7698                7839 MANAGER
CLARK               7782                7839 MANAGER
JONES               7566                7839 MANAGER
MARTIN              7654                7698 SALESMAN
ALLEN               7499                7698 SALESMAN
TURNER              7844                7698 SALESMAN
JAMES               7900                7698 CLERK
WARD                7521                7698 SALESMAN
FORD                7902                7566 ANALYST
SMITH               7369                7902 CLERK
SCOTT               7788                7566 ANALYST
ADAMS               7876                7788 CLERK
MILLER              7934                7782 CLERK
-----
```

14 rows selected.

```
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SQL> ED
```

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```

```
1  SELECT Ename, Empno, Mgr, Job
```

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```
2 FROM Emp
3 START WITH Ename = 'BLAKE'
4* CONNECT BY PRIOR Empno = MGR
SQL> /
```

ENAME	EMPNO	MGR	JOB
BLAKE	7698	7839	MANAGER
ALLEN	7499	7698	SALESMAN
WARD	7521	7698	SALESMAN
MARTIN	7654	7698	SALESMAN
TURNER	7844	7698	SALESMAN
JAMES	7900	7698	CLERK

6 rows selected.

```
SQL> ED
Wrote file afiedt.buf
```

```
1 SELECT Ename, Empno, Mgr, Job
2 FROM Emp
3 START WITH Ename = 'JONES'
4* CONNECT BY PRIOR Empno = MGR
SQL> /
```

ENAME	EMPNO	MGR	JOB
JONES	7566	7839	MANAGER
SCOTT	7788	7566	ANALYST
ADAMS	7876	7788	CLERK
FORD	7902	7566	ANALYST
SMITH	7369	7902	CLERK

```
SQL> ED
Wrote file afiedt.buf
```

```
1 SELECT Ename, Empno, Mgr, Job
2 FROM Emp
3 START WITH Job = 'MANAGER'
4* CONNECT BY PRIOR Empno = MGR
SQL> /
```

ENAME	EMPNO	MGR	JOB
JONES	7566	7839	MANAGER
SCOTT	7788	7566	ANALYST

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```
ADAMS          7876          7788 CLERK
FORD           7902          7566 ANALYST
SMITH          7369          7902 CLERK
BLAKE          7698          7839 MANAGER
ALLEN          7499          7698 SALESMAN
WARD           7521          7698 SALESMAN
MARTIN         7654          7698 SALESMAN
TURNER         7844          7698 SALESMAN
JAMES          7900          7698 CLERK
CLARK          7782          7839 MANAGER
MILLER         7934          7782 CLERK
```

13 rows selected.

```
SQL> SELECT Ename, Empno, Mgr, Job, Sal
  2  FROM Emp
  3  START WITH Sal =
  4  (
  5  SELECT MAX(Sal)
  6  FROM Emp
  7  )
  8  CONNECT BY PRIOR Empno = MGR;
```

ENAME	EMPNO	MGR	JOB	SAL
KING	7839		PRESIDENT	5000
BLAKE	7698	7839	MANAGER	2850
MARTIN	7654	7698	SALESMAN	1250
ALLEN	7499	7698	SALESMAN	1600
TURNER	7844	7698	SALESMAN	1500
JAMES	7900	7698	CLERK	950
WARD	7521	7698	SALESMAN	1250
CLARK	7782	7839	MANAGER	2450
MILLER	7934	7782	CLERK	1300
JONES	7566	7839	MANAGER	2975
FORD	7902	7566	ANALYST	3000
SMITH	7369	7902	CLERK	800
SCOTT	7788	7566	ANALYST	3000
ADAMS	7876	7788	CLERK	1100

14 rows selected.

```
SQL> cl scr
```

```
SQL> SELECT Ename, Empno, Mgr, Job, Sal
  2  FROM Emp
```

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```
3 START WITH Sal IN
4 (
5 SELECT Sal
6 FROM Emp
7 WHERE Job = 'ANALYST'
8 )
9 CONNECT BY PRIOR Empno = MGR;
```

ENAME	EMPNO	MGR	JOB	SAL
FORD	7902	7566	ANALYST	3000
SMITH	7369	7902	CLERK	800
SCOTT	7788	7566	ANALYST	3000
ADAMS	7876	7788	CLERK	1100

```
SQL> ED
Wrote file afiedt.buf
```

```
1 SELECT Ename, Empno, Mgr, Job, Sal
2 FROM Emp
3 START WITH Sal IN
4 (
5 SELECT Sal
6 FROM Emp
7 WHERE Job = 'ANALYST'
8 )
9* CONNECT BY Empno = PRIOR MGR
SQL> /
```

ENAME	EMPNO	MGR	JOB	SAL
SCOTT	7788	7566	ANALYST	3000
JONES	7566	7839	MANAGER	2975
KING	7839		PRESIDENT	5000
FORD	7902	7566	ANALYST	3000
JONES	7566	7839	MANAGER	2975
KING	7839		PRESIDENT	5000

6 rows selected.

```
SQL> SELECT Ename, Empno, Mgr, Job, Sal
1 FROM Emp
2 START WITH Sal =
3 (
4 SELECT MAX(Sal)
5 FROM Emp
6
```

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```
7 WHERE Deptno =
8 (
9 SELECT Deptno
10 FROM Dept
11 WHERE Dname = 'ACCOUNTING'
12 )
13 )
14 CONNECT BY PRIOR Empno = MGR;
```

ENAME	EMPNO	MGR	JOB	SAL
KING	7839		PRESIDENT	5000
BLAKE	7698	7839	MANAGER	2850
MARTIN	7654	7698	SALESMAN	1250
ALLEN	7499	7698	SALESMAN	1600
TURNER	7844	7698	SALESMAN	1500
JAMES	7900	7698	CLERK	950
WARD	7521	7698	SALESMAN	1250
CLARK	7782	7839	MANAGER	2450
MILLER	7934	7782	CLERK	1300
JONES	7566	7839	MANAGER	2975
FORD	7902	7566	ANALYST	3000
SMITH	7369	7902	CLERK	800
SCOTT	7788	7566	ANALYST	3000
ADAMS	7876	7788	CLERK	1100

14 rows selected.

```
SQL> SELECT Ename, Empno, Mgr, Job, Sal
2 FROM Emp
3 START WITH Ename =
4 (
5 SELECT Ename
6 FROM Emp, SalGrade
7 WHERE Emp.Sal BETWEEN SalGrade.LOSAL AND SalGrade.HiSal
8 AND Grade = 5
9 )
10 CONNECT BY PRIOR Empno = MGR;
```

ENAME	EMPNO	MGR	JOB	SAL
KING	7839		PRESIDENT	5000
BLAKE	7698	7839	MANAGER	2850
MARTIN	7654	7698	SALESMAN	1250
ALLEN	7499	7698	SALESMAN	1600
TURNER	7844	7698	SALESMAN	1500

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```
.....
JAMES          7900          7698 CLERK          950
WARD           7521          7698 SALESMAN        1250
CLARK          7782          7839 MANAGER        2450
MILLER         7934          7782 CLERK          1300
JONES          7566          7839 MANAGER        2975
FORD           7902          7566 ANALYST        3000
SMITH          7369          7902 CLERK          800
SCOTT          7788          7566 ANALYST        3000
ADAMS          7876          7788 CLERK          1100
```

14 rows selected.

SQL> cl scr

```
SQL> SELECT Ename, Empno, Mgr, Job, Sal
2  FROM Emp
3  START WITH Ename = 'KING'
4  CONNECT BY PRIOR Empno = MGR
5  AND Job = 'MANAGER';
```

ENAME	EMPNO	MGR	JOB	SAL
KING	7839		PRESIDENT	5000
JONES	7566	7839	MANAGER	2975
BLAKE	7698	7839	MANAGER	2850
CLARK	7782	7839	MANAGER	2450

SQL> ED

Wrote file afiedt.buf

```
1  SELECT Ename, Empno, Mgr, Job, Sal
2  FROM Emp
3  WHERE Job = 'MANAGER'
4  START WITH Ename = 'KING'
5* CONNECT BY PRIOR Empno = MGR
```

SQL> /

ENAME	EMPNO	MGR	JOB	SAL
JONES	7566	7839	MANAGER	2975
BLAKE	7698	7839	MANAGER	2850
CLARK	7782	7839	MANAGER	2450

SQL> cl scr

```
SQL> SELECT Ename, Empno, Mgr, Job, Sal
-----
```

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```
2 FROM Emp
3 START WITH Ename = 'KING'
4 CONNECT BY PRIOR Empno = MGR
5 AND Job = 'SALESMAN';
```

ENAME	EMPNO	MGR	JOB	SAL
KING	7839		PRESIDENT	5000

```
SQL> SPOOL OFF
```

Oracle BY Sathish Yellanki (SkyEss)

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